

## MEMORANDUM

4 March 1999

TO: Lompoc Interagency Work Group Members (See Attached Distribution List)

SUBJECT: MEETING SUMMARY – JANUARY 22, 1999

**Members present:** Advocates for a Clean Environment - Lauren Sullivan; Air Resources Board - Lynn Baker; Celite Corporation - Chris Pauley; Department of Health Services - Sharon Seidel; Department of Pesticide Regulation - Madeline Brattesani, Doug Okumura, John Ross, Jay Schreider, Randy Segawa; Lompoc City Council - Dick DeWees, Stacy Lawson; Lompoc Growers - Richard Quandt; Lompoc Resident - Joyce Howerton, Dave Pierce; Office of Environmental Health Hazard Assessment - Richard Ames, Michael DiBartolomeis; Santa Barbara County Agricultural Commissioner's Office - Joe Karl; Santa Barbara County Air Pollution Control District - Duane Sikorski; Santa Barbara County Health Services - Elliot Schulman; Santa Barbara County Supervisor Gray's Office - Susan Warnstrom; Santa Barbara County Supervisor Marshall's Office - John Buttny; Senator O'Connell's Office - Carla Frisk; U.S. Environmental Protection Agency (EPA), Headquarters - Jake Mackenzie (Facilitator, Lompoc Interagency Work Group); U.S. EPA, Region IX - Ray Chavira, Karen Heisler; Volunteers for a Healthy Valley - George Rauh.

**Members absent:** Assembly member Maldonado's Office - Melanie Bedwell; Department of Health Services - Christine Arnesen, Martha Harnly, Rick Kreutzer; Office of Environmental Health Hazard Assessment - Anna Fan, Joy Wisniewski; UC Extension Agricultural Engineer - Bill Steinke; Volunteer - Robert Holtzer.

**Others present:** Bob Lilley/San Luis Obispo Agricultural Commissioner's Office; Steve Jordan; Barbara Harthorn/UCSB; Becky Powell/UCSB; Stan Deguchi/Santa Barbara Farms; Andra Spanne-Rauh/VHV; Jerry Newton/Ocean View Flowers; Jeff Martin/Big E Produce; Steve Walsh/Santa Maria Times; Matt Carter/Lompoc Record; Nora Wallace/Santa Barbara News-Press; Will Schuyler/Public; Michael Garcia/Public; Carl Hoefle/Public; Leslie Edwards/Public; Eric Carderas/Public; Lori Schiraga/Environmental Defense Center; S. Keane/VHV; Marie Mark/VHV.

### **Topic #1: Introductions:**

The Lompoc Interagency Work Group (LIWG) members introduced themselves. Jake Mackenzie, facilitator, delivered the following statement the LIWG had prepared at its executive session earlier that morning.

An executive session of the LIWG was held on January 22 from 10 to 11:15 a.m. During this executive session, presentations were made about confidential, draft

pesticide use report data, pesticide air monitoring and meteorology results, exposure data, and the quality assurance audit results for phase one of the pesticide air monitoring. In about six weeks, the quality assurance results should be final. DPR will also continue to further review, validate, and finalize their use report and monitoring data.

**Topic #2: Approve meeting summary:** The LIWG approved the summary of the November 6, 1998 meeting with no changes.

**Topic #3: Review agenda:** The LIWG reviewed the agenda and added the following item: discuss adding Joyce Howerton as a member to the LIWG. The LIWG agreed to add Joyce to the LIWG as a member, representing Lompoc residents. The LIWG also added the following topics for discussion under Topic #5: proposal and cost estimate for phase two, status of US EPA funds to DPR, and status of other funding for phase two.

**Topic #4: Status of the recommendations of Key Issue #1** [Does sickness occur in the community? If so, what kind(s) and at what rate(s)? Are illness rates higher than expected?]

*Main Points:* Elliot Schulman reported on the progress of activities. Phase I activities—several data sets are being geocoded. Barbara Harthorn/University of California Santa Barbara and her graduate student showed several of the geocoded data sets. They can start overlaying exposure data when that is available. The health data and the exposure data will then be reviewed and can provide the direction for a Phase II health study. Richard Ames/OEHHA indicated that they have just completed their internal review of their update of additional analyses of the hospital discharge data.

*Discussion/Decisions:* Elliot Schulman indicated that they will need to find funds for further work in phase two. Richard Ames continues to follow-up on reported cases of aplastic anemia.

*Next steps:* The LIWG asked that Elliot Schulman present results for all health data sets at its March meeting; the LIWG also asked Richard Ames to present his final update of the analysis of hospital discharge data. The LIWG requested that Elliot present a proposal and budget for phase two at the next LIWG meeting.

**Topic #5: Report on the status of the recommendations on Key Issue #2** [Key Issue #2: Are Lompoc residents exposed to pesticides in air? If so, which pesticides, and in what amounts? Do those levels exceed human health standards?]

*Main Points:* The LIWG discussed its relation with DPR, and between DPR and the technical advisory group (TAG). DPR provided a brief update on pesticide air monitoring and related information. DPR provided a summary of costs from phase one (handout #1). Carla Frisk and Duane Sikorski requested copies of the executive summary

from the AeroVironment report on meteorology. Updates were provided on the status of US EPA funding to DPR and the status of other funding for phase two. The US EPA funds have not been allocated to DPR yet; no other funds exist at this time to conduct phase two.

*Discussion/Decisions:* The LIWG requested that DPR continue to include the TAG in its review process to develop a protocol for phase two. Doug Okumura suggested that the LIWG first review the preliminary data for phase one, then discuss the process. The LIWG recommended forming a funding subgroup to identify potential sources of funding to pay for Phase II of the pesticide air monitoring project, to identify potential sources of funding to pay for other projects the LIWG has recommended, and to develop a comprehensive description of recommended activities and proposed costs. This subgroup includes Madeline Brattesani/DPR (chair), Lynn Baker/ARB, John Buttny/Santa Barbara County, Karen Heisler/US EPA, Rick Kreutzer/DHS, OEHHA, and Traci Verardo/Senator O'Connell's office. Others may be included at a later date.

*Next steps:* The LIWG requested that next meeting's agenda include a discussion to "nail down" how the relationship between DPR and the TAG will work. The TAG will report on a revised phase two list of pesticides at the next LIWG's meeting, contingent upon its receipt of validated data. The funding subcommittee will report on its progress at the next LIWG meeting: specifically, the funding subgroup will lay out a strategy to obtain funds for Phase II/pesticide air monitoring. DPR will mail the AeroVironment's executive summary of the meteorology information to the LIWG members who requested it before its next meeting.

#### **Topic #6: Report on the status of the recommendations on meteorological conditions**

*Main points:* Lynn Baker reported that phase one of those recommendations has been completed; it was part of the phase one pesticide air monitoring program. Phase two has no funding.

#### **Topic #7: Report on the status of the recommendations on Key Issue #3** [What other environmental hazards and factors exist in Lompoc?]

*Main Points:* Ray Chavira summarized the activities of the Other Environmental Issues subgroup (OEIS) and plans to provide a written summary at the LIWG's next meeting. The OEIS also proposed further studies, such as: a study of air patterns and meteorology in the Lompoc area (John Molitoris presented a draft proposal—handout #2) and a proposal for a fungal spore survey of targeted asthmatic population. US EPA continues its radon study; results will be available in the future. Grefco is dismantling and closing out. Lynn Baker updated the LIWG on monitoring for crystalline silica: ARB plans to begin ambient air monitoring in a few weeks. Sampling will continue for several weeks on the west, in the center and on the east sides of town.

*Next steps:* The OEIS will provide the proposal for the fungal spore survey at the next LIWG meeting. The LIWG will review the proposals (weather patterns and fungal spore survey) and discuss at its next meeting. The TAG/Lynn Baker (chair, meteorology issues) and the OEIS will discuss the various meteorology proposals to coordinate these activities, thus eliminating any duplications and report back to the LIWG on this issue at its next meeting.

**Topic #8: Other topics**

Randy Segawa distributed copies of DPR's report, *Analysis of Weather Patterns in Lompoc* (handout # 3 is the executive summary; for the complete report, please contact DPR). DPR also provided information that summarized particulate matter sampling results (handout #4).

Jay Schreider and John Ross briefly described DPR's screening levels that were part of phase one pesticide air monitoring. DPR provided toxicologists from OEHHA, DHS and U.S. EPA copies of these preliminary levels and is continuing discussions with them.

Several news articles were distributed (handout #5).

**Topic #9: Next meeting date, time, location, and agenda:** The LIWG plans to meet next on Friday, March 19, 1999, in Sacramento at DPR from 11:30 a.m. to 2:30 p.m.

Please contact me, or Jake Mackenzie at (707) 584-1195, if you have questions about this meeting summary.

Respectfully submitted,

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Attachments

cc: Paul Gosselin, DPR  
Doug Okumura, DPR

**Handouts distributed at the January 22, 1999, meeting.** Hard copies will be mailed only to those members not in attendance, or those requesting hard copies.

1. DPR's summary of expenditures for phase one of the pesticide air monitoring project (dated 1/15/99).
2. Draft proposal entitled "An in depth study of the air patterns and meteorology in the Lompoc area" (dated 1/22/99) submitted by John Molitoris.
3. DPR's executive summary of the report entitled "Analysis of Weather Patterns in Lompoc, California."
4. Information on dust and pollen from DPR's Update on Lompoc (dated 8/96).
5. Two news articles and a DPR letter to the Editor/Lompoc Record.

**Member Distribution List:**

Advocates for a Clean Environment/Lauren Sullivan  
Air Resources Board/Lynn Baker  
Assembly Member Maldonado's Office/Melanie Bedwell  
Celite Corporation/Chris Pauley  
Department of Health Services/Christine Arnesen, Martha Harnly, Rick Kreutzer, Sharon Seidel  
Department of Pesticide Regulation/Madeline Brattesani, John Ross, Randy Segawa  
Lompoc City Council/Dick DeWees  
Lompoc Growers/Richard Quandt  
Lompoc Resident/Joyce Howerton, Dave Pierce  
Office of Environmental Health Hazard Assessment/Richard Ames, Michael DiBartolomeis, Anna Fan, Joy Wisniewski  
Santa Barbara County Agricultural Commissioner's Office/Joe Karl  
Santa Barbara County Air Pollution Control District/Duane Sikorski  
Santa Barbara County Health Care Services/Elliot Schulman  
Santa Barbara County Supervisor Marshall's Office/John Buttny  
Santa Barbara County Supervisor Gray's Office/Susan Warnstrom  
Senator O'Connell's Office/Carla Frisk  
UC Extension Agricultural Engineer/Bill Steinke  
U.S. EPA, Headquarters/Jake Mackenzie  
U.S. EPA, Region IX/Ray Chavira, Karen Heisler  
Volunteer/Robert Holtzer (formerly with Office of Environmental Health Hazard Assessment as a Medical Officer)  
Volunteers for a Healthy Valley/George Rauh

## LOMPOC INTERAGENCY WORK GROUP

### Proposed Agenda

Friday, March 19, 1999, 11:30 a.m. - 2:30 p.m.

*Location:* Department of Pesticide Regulation  
Executive Conference Room (Room 302), Third Floor  
830 K Street (use K Street entrance)  
Sacramento, California

1. Introductions - Jake Mackenzie
2. Approve meeting summary - Jake Mackenzie
3. Review agenda - Jake Mackenzie
4. Summary of DPR's report, "Analysis of Weather Patterns in Lompoc" - DPR
5. Report on the status of the recommendations on Key Issue #1 [Does sickness occur in the community? If so, what kind(s) and at what rate(s)? Are illness rates higher than expected?] - Elliot Schulman/Santa Barbara County Health Officer
  - Results for all health data sets
  - Brief proposal and cost estimate for Phase Two activities
  - OEHHA's update
6. Report on the status of the recommendations on Key Issue #2 [Are Lompoc residents exposed to pesticides in air? If so, which pesticides, and in what amounts? Do those levels exceed human health standards?] - DPR & ARB
  - Pesticide air monitoring - phase one
  - Comments on phase one air monitoring documents
  - Meteorology
  - DPR, the LIWG and the TAG
  - Phase two update from the TAG
7. Report on the status of the recommendations on Key Issue #3 [What other environmental hazards and factors exist in Lompoc?] - Ray Chavira/U.S. EPA
  - Fungal spore survey
  - Coordination with TAG on meteorology proposals
8. Report from the funding subcommittee - Madeline Brattesani/DPR
  - Strategy to obtain funds for pesticide air monitoring/Phase Two
  - Status of US EPA cooperative agreement with DPR - Karen Heisler/U.S. EPA

## 9. Other topics

## 10. Next meeting date, time, location and agenda

For information about the meeting location or about conference call capability, please call Madeline Brattesani at (916) 324-4082. This is a brown bag lunch. If you plan to distribute handouts, please bring 30 copies.